



# The Gazette of India

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Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patent and Design

Calcutta, the 21st February 1959

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

5th February 1959

66650. The Jeypore Sugar Company Limited and Dr. D. S. Rao. Improvements in or relating to manufacture of standard and higher grades of ferromanganese from low grade manganese ores.

66651. D. S. Mulla. Improvements in or relating to hollow panels.

66652. The General Electric Company Limited. Improvements in or relating to protective cans for nuclear reactor fuel elements. (12th February 1958).

66653. Automatic Coal Cleaning Company Limited. Improvements relating to disc type vacuum filters. (7th March 1958).

66654. R. C. Sabins. Electrolytic system.

66655. Chas. Pfizer & Co. Inc. Chemical preparation process and product thereof.

66656. Pinelli-General Cable Works Limited. Improvements in or relating to electric cable joints. (25th February 1958).

66657. The Crittal Manufacturing Company limited. Improvements in louvres. (5th May 1958).

66658. Conveying Developments Limited. Improvements relating to supporting structures for endless belt conveyors. (11th February 1958).

66659. Standard Telephones and Cables Limited. Improvements in or relating to data processing systems. (6th February 1958).

66660. C. F. Boehringer & Soehne G.m.b.H. Process for the production of L-erythro-5-amino-6-phenyl-1, 3-dioxanes. (20th November 1958).

66661. Gas Accumulator Company (United Kingdom) Limited. Improvements in or relating to buoys. (6th February 1958).

66662. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improved catalyst.

66663. T. Watanabe. Electrostatic coatings system and methods. (19th November 1958).

6th February 1959

66664. L. F. Coll. New wheel for vehicles. (8th February 1958).

66665. United States Atomic Energy Commission. Gas-cooled neutronic reactor.

66666. Dunlop Rubber Company Limited. Method and apparatus for the production of cellular synthetic rubber. (6th February 1958).

66667. The Wellcome Foundation Limited. Improvements in or relating to the production of vaccines. (14th February 1958).

7th February 1959

66668. P. S. I. Lakshminarayan. An electrical continuous vulcanising hot air oven.

66669. Crescent Iron & Steel Corporation Limited. Improvement in or relating to double action vice or like gripping apparatus.

66670. Council of Scientific and Industrial Research. Improvements in or relating to a device for the rapid classification of mica, micanite, laminate sheets and the like.

66671. Union Carbide Corporation. Organic antiflor arsenic and bismuth catalysts for isocyanate actions. (24th September 1958).

66672. Union Carbide Corporation. Tin catalysts for isocyanate reactions. (25th September 1958).

66673. Union Carbide Corporation. Polyurethane foams process of making them. (25th September 1958).

66674. Ciba Limited. Process for the manufacture of diazines.

66675. United States Steel Corporation. Automatic coiling system for continuous strip mill.

9th February 1959

66676. Sudhir Lal Mukherjee and Albert David Ltd. process for the preparation of copper compounds of biguanide derivatives and decomposition thereof.

66677. M. A. Chaudary. Burning wick.

66678. R. B. Verma. High draft small scale cotton spinning plant which comprises of a "high carding and automatic sliver machine," a roller high draft sliver twisting machine and four roller high draft spinning machine.

66679. American Cyanamid Company. Process of making surgical suture.

66680. Universal Oil Products Company. Process for refining sour hydrocarbon distillates.

66681. Automative Products Company Limited. Improvements in or relating to hatchway cover. (2nd February 1958).

66682. Imperial Chemical Industries Limited. Compositions of matter useful in polymerising. (30th May 1958).

66683. Radio Corporation of America. Phonograph.

66684. John Thompson (Wolverhampton) Limited. Improvements relating to metal structures. (2nd February 1958).

66685. K. Eickmann. A rotary vane piston machine. 10th February 1959

66686. Director, Mysore Government Stationery Depot. A simplified kannada typewriter key board.

66687. Inventa A.G. Fur Forschung Und Patentver Wer tung. Improvements relating to the manufacture of hydroxylamine sulphate solution.

66688. Commissariat A L'Energie Atomique. Improvements in or relating to nuclear reactors. (21st October 1958).

66689. Imperial Chemical Industries Limited. Ethylene polymerisation. [Addition to No. 58883]. (14th February 1958).

66690. Imperial Chemical Industries Limited. Improved elastomeric materials. (19th February 1958).

66691. Wilson-Jones Company. Solid nylon post-binder. (1st April 1958).

66692. Wilson-Jones Company. Flat nylon prong. (12th June 1958).

66693. Babcock & Wilcox Limited. Improvements in pulverising mills. (12th February 1958).

66694. Hawaiian Development Company, Ltd, and Crown Zellerbach Corporation. Printing paper and process of making the same.

66695. E. Shipton & Company Limited. Improvements in the manufacture of hollow articles from organic plastic materials. (11th February 1958).

66696. The Wellcome Foundation Limited. Improvements in and relating to pharmaceutical preparations. (18th February 1958).

66697. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of heterocyclic hydrazine derivatives.

66698. Societe Anonyme Des Manufacture Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. Improvements in weighing apparatus for loading predetermined quantities of materials into sacks or the like. [Addition to No. 58247].

66699. A.E.I.—John Thompson Nuclear Energy Company Limited. Improvements relating to fuel elements for nuclear reactors. (11th February 1958).

66700. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Substituted thiophene-3, 5-disulfonamides and a process for preparing them.

1. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method of controlling the continuous production of chlorine dioxide.

2. J. Pakozdi and B. Sabo. Moulding apparatus for hollow construction elements.

3. Ciba Limited. New aryl-diazines and a process for their manufacture.

“Ganz” Arammerogyar. Maximum indicator mechanism for electricity meters or other consumption meters.

11th February 1959

Monsanto Chemicals Limited. Rubber antidegradants. (17th February 1958).

Monsanto Chemicals Limited. Rubber antiozonants. (17th February 1958). [Addition to No. 66705].

M. H. Detrick Company. Refractory brick. [Divisional date 25th June 1957].

Imperial Chemical Industries Limited. Improvements in or relating to rendering fibrous materials water-repellent. (7th March 1958).

Arke, Davis & Company. Heterocyclic compounds and methods for producing the same.

Arke, Davis & Company. Pyridine compounds and methods for producing the same.

Arke, Davis & Company. Cyclohexylamine compounds and methods for producing the same.

Ti-Holding A.G. Method for manufacturing sliding clasp fasteners.

Iete Genevoise D'Instruments De Physique. Improvements in and relating to a machine-tool. (14th February 1958).

66714. Babcock & Wilcox Limited. Improvements in pulverising mills and in classifiers for use in such mills. (14th February 1958).

66715. Otto Kreibaum. Method of and apparatus for the production of panels, sheets and the like.

66716. H. Gieren. Method of producing composite bushings.

66717. Ciba Limited. Manufacture of pyrazolo-pyrimidines.

66718. Birfield Engineering Limited. Improvements in or relating to torque limiting clutches. (12th February 1958).

66719. A. E. I.—John Thompson Nuclear Energy Company Limited. Improvements relating to temperature measuring apparatus for fuel elements of nuclear reactors. (12th February 1958).

66720. Swindon Tool Company Limited and K. G. Empson. Improvements in or relating to variable speed mechanism. (12th February 1958).

66721. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Poultry feed and the manufacture and use thereof.

66722. A. Torok, L. Naszalyi, L. Jarmai and I. Bartha. Improvements in a process for the production of artificial fertilizer and of biogas from the organic wastes of agricultural industrial plants, and installation therefor.

66723. L. Leslie-Smith. Improvements in or relating to vacuum flasks. (14th February 1958).

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hasting Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

60537. S. H. Magid. Thermoplastic articles such as wearing apparel having separate thermoplastic annular edgings and method of making same. Accepted on 10th February 1959.

*Article comprises a thermoplastic blank material an annular edging attached to one face of the blank, the edge being formed of a strip of flexible thermoplastic material folded circumferentially upon itself to provide two flaps and a bight therebetween a core in the bight having the flaps secured in face to face engagement to themselves and to only one surface of the blank.*

60913. Leder & Co. A.G. Improvements in or relating to accessory parts for looms and method of manufacturing same. Accepted on 10th February 1959.

*Consists of high molecular polyethylene with a molecular weight of atleast 500,000 corresponding to an  $\eta_{red}$  of approximately 5.*

61352. C. M. V. Hobé. Method of and apparatus for the continuous treatment of elongated goods, more particularly textiles, in a vapour chamber. Accepted on 5th February 1959.

*Feeding textiles to a heated drum rotatably mounted in a vapour treatment chamber closely surrounding the drum.*

61376. Ciba Limited. New unsaturated aliphatic amino-diols and process for their manufacture. Accepted on 6th February 1959.

*Condensing a compound of the formula  $CH_2(CH_2)_n-C-C-CHO$  wherein  $n$  is whole number from 6–11, with  $\beta$  nitroethanol and reducing the resulting compound.*

61378. O. W. Burke. Conjunctive polymers. (23rd April 1957). Accepted on 5th February 1959.  
*A monomer is polymerised in the presence of suitable preformed polymer with the aid of a metal organic catalyst and a polar compound, a Friedel and Crafts compound or a carrier component.*

61379. O. W. Burke. Process for the preparation of polymers and catalyst for use therein. (23rd April 1957). Accepted on 5th February 1959.  
*An ethylenic monomer is polymerised in the presence of a catalyst comprising a multiply metallated organic compound a carrier component with or without a polar compound and a Friedel-Crafts compound.*

61391. Veb Zementanlagenbau Dessau. Hammer mill. Accepted on 7th February 1959.  
*Sledge hammers operating according to known principle of pneumatic hammers disposed in the mill in groups of hammers lying adjacent each other an aggregate of two or more such groups being further disposed of in rows one behind the other.*

61416. Joh. A. Benckiser GmbH Chemische Fabrik. Isonicotinic acid hydrazide derivative. Accepted on 6th February 1959.  
*Reacting an amine carbohydrate with isonicotinic acid hydrazide or 2-methyl isonicotinic acid hydrazide.*

61466. Cilag Limited. A process for the production of new basic esters of  $\alpha$ -substituted phenyl-acetic acids, their acid addition salts and quaternary salts. Accepted on 6th February 1959.  
*Reacting phenyl, methyl-pentanoic acid, salt, or ester with  $\beta$ -dialkylaminoethanol;  $\gamma$ -dialkylaminopropanols, 1-alkyl-4-piperidinol or 1-alkyl-3-pyrrolidinol or its quaternary salts.*

61499. Maschinenfabrik Augsburg-Nürnberg A.G. A method of cooling the injection nozzle of internal combustion engines and injection nozzles operating in accordance therewith. Accepted on 7th February 1959.  
*Return flow of the cooling fuel and bakage oil of the injection fuel are led away to the outside together in one and the same duct.*

61504. L. C. Nicoll. An improved stereotype matrix and method of manufacturing the same. (24th October 1956). Accepted on 10th February 1959.  
*Comprising a flong and backing inserted between platens of matrik moulding press and received type impressions on flong side and plane surface in backing material on opposite side, the backing before application to flong being pre-treated with stiffening solution which sets and hardens as it is pressed while allowing steam arising from pressing operation to be down therethrough.*

61508. Farbenfabriken Bayer Aktiengesellschaft. Moulded bodies made of high molecular weight thermoplastic polycarbonates and process for their manufacture. (3rd July 1957). Accepted on 10th February 1959.  
*Moulding foils or sheets of high molecular weight thermoplastic polycarbonates by vacuum moulding.*

61541. Imperial Chemical Industries Limited. Apparatus for use in the manufacture of tubular film from thermoplastic polymers. (31st August 1956). Accepted on 7th February 1959.  
*Rotatable nip rolls adapted to press against opposite sides of a tubular film passing continuously through the nip and reducing former to a flattened form.*

61583. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Improvements in or relating to thermoplastic materials. Accepted on 10th February 1959.  
*Wherein an isotactic polypropylene is mixed under heating with 5 to 40 per cent of an isotactic polybutene.*

61598. Arnold, Hoffman & Co., Incorporated. Quaternary Ammonium salts. Accepted on 6th February 1959.  
*Reacting tertiary amine with a quaternising agent.*

61709. The Keelavite Company Limited. A pipe connection and apparatus for forming one or more swellings adjacent to the end of a pipe in making such a connection. Accepted on 6th February 1959.  
*A length of pipe having formed adjacent to one end thereof a part where the bore and external diameter have been locally enlarged to form one or more swellings.*

61740. Socony Mobil Oil Company, Inc. Method and apparatus for producing hydrocarbon products from a fluid hydrocarbon charge. Accepted on 6th February 1959.  
*Maintaining a compact mass of contact material above the downwardly moving compact reaction bed, the mass having at least a part of its surface unconfined in open communication with a gas space thereabove.*

61762. Glaxo Laboratories Limited. Improvements in or relating to the separation of steroid mixtures. (21st September 1956). Accepted on 6th February 1959.  
*A mixture of a 3-keto- $\Delta^4$ -steroid (I) and/or a 3-Keto- $\Delta^1:4$ -steroid (II) on the one hand and a 3-keto- $\Delta^1$ -steroid (III) on the other hand is reacted with a substance furnishing bisulphite ions to form a water soluble derivative of III which is separated from the insoluble derivatives of I and/or II.*

61837. Automatic Telephone & Electric Company Limited. Improvements in arrangements for generating ringing current in telephone systems. (27th September 1956). Accepted on 5th February 1959.  
*Comprises two junction transistors in each line conducting alternately in response to control signal.*

61887. The Dunlop Rubber Co. (India) Ltd. Improvements in or relating to power transmission V-belts for train lighting equipment. Accepted on 5th February 1959.  
*Having cord material disposed longitudinally on or adjacent to the neutral axis section and between rubberised woven fabric of a textural density to hold fasteners.*

61891. V. P. Mehra. Self-priming pumps. Accepted on 9th February 1959.  
*Consisting of a disc with upright paddles mounted a rotatable vertical shaft an eccentric housing for the same having an outlet and a cover with a hole through which the shaft projects, a sleeve fitted on the cover whose lower portion has windows fitted with wire gauze or like and prime mover means fitted to the shaft.*

62096. Ciba Limited. New benzimidazoles and process for their manufacture. Accepted on 6th December 1959.  
*1-(Lower-tertiary-amino-lower alkyl)-2-(para-alkyl-benzyl)-benzimidazoles are obtained by usual methods known for cyclisation, alkylation or reduction.*

62337. Council of Scientific and Industrial Research. Improvements in the preparation of organic nitrogenous fertilizers. Accepted on 5th February 1959.  
*Subjecting fossil fuels, composts, decomposed vegetable, or the like material to the simultaneous action of air-ammonia mixture or oxygen-ammonia mixture at ordinary pressure and at temperature ranging from 30°C to 400°C.*

62359. Imperial Chemical Industries Limited. Cyanacethydrazide compositions. (7th December 1956). Accepted on 6th February 1959.  
*The composition comprises not less than 0.1 per cent by weight of cyanacethydrazide I and one member of the group comprising stabilisers for I, and other veterinary compounds, and optionally a carrier.*

62360. Imperial Chemical Industries Limited. Improvements in or relating to the treatment of gases. Accepted on 6th February 1959.  
*Mist containing gas or vapour is passed through a fibre filter composed of "non-wettable" fibres e.g. glass fibre with silicone surface in the range of 5*

62361. Imperial Chemical Industrial Limited. Cyanacethydrazide compositions. (7th December 1956). Accepted on 6th February 1959.  
*The compositions comprised not less than 0.1 per cent by weight of cyanacethydrazide and a diluent.*

62591. A. O. Smith Corporation. Welding apparatus. Accepted on 10th February 1959.  
*Coupling means disposed within the hollow body and adapted to releasably engage a water inlet and a outlet and gas inlet and a welding cable which are inserted through a opening in the back wall.*

62627. Preformed Line Products Company. Devices for hanging conductors. Accepted on 6th February 1959.  
*Assembly comprising in combination with a cable having an armoring disposed thereon composed of a plurality of detachable performed helical reinforcements incircling said cable in tightly gripping relation, for a relatively small portion of over all length of the cable adjacent the point of support of the latter.*

62643. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improved apparatus for lifting liquids. Accepted on 10th February 1959.  
*A cylindrical chamber closed at its lower end and provided with an inlet orifice intermediate in its height and an enlargement of its internal cross-section and inlet and out-let orifice communicating together.*

62738. Molins Machine Company Limited. Method of and apparatus for forming tobacco fillers or streams. (4th January 1957). Accepted on 5th February 1959.  
*Cut tobacco showered on a slow moving conveyor and manipulated to provide an uniform stream is transferred to a faster moving conveyor.*

62748. The Goodyear Tire & Rubber Company. Improvements in electric heating element for retreading or recapping pneumatic tire casings and method of and apparatus for producing it. Accepted on 5th February 1959.  
*Comprising an endless circular body, made of resilient material, a heating coil embedded in the body.*

62829. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in or relating to new phenothiazine derivatives and processes for their preparation. Accepted on 6th February 1958.  
*Aminoalkyl substituent containing a piperazine ring is introduced into a 3-S-methyl phenothiazine in the 10-position.*

63056. Contessa Corporation. Improvements in or relating to files for filing cabinets, almirahs, racks and the like. Accepted on 6th February 1959.  
*Having plate member with inverted J-type slot, secured integrally to file cover so as to suspend horizontally from filing cabinet.*

63101. Societe Des Usines Chimiques Rhone-Poulenc. New Phenthiazine derivatives and processes for their preparation. [Addition to No. 59403]. Accepted on 6th February 1959.  
*An aminoalkyl substituent containing a morpholine group is introduced in the 10-position of a cyanophenthiazine by usual methods.*

63103. Orr & Sembower, Incorporated. Pulverised fuel burner. (22nd February 1957). Accepted on 7th February 1959.  
*Comprising a refractory lined combustion chamber an inlet for pulverised fuel means for delivering fuel through the inlet in an air stream only sufficient in amount to permit ignition and distillation of fuel.*

63146. Hitachi Ship-building & Engineering Co. Ltd., A penetration vessel in a digesting apparatus for the manufacture of pulp. Accepted on 5th February 1959.  
*Comprising a closed vessel having a conical perforated screen connected at its top to the exit of a chip-charging pipe and at its bottom to the inner wall of the vessel and a liquid supplying pipe.*

63584. Symington Wayne Corporation. Transition coupling for railway vehicles. Accepted on 10th February 1959.  
*Characterized by connecting means pivotally connected to said couplers for swinging into and clear of a throat thereof.*

63588. Dunlop Rubber Company Limited. Improvements relating to compositions suitable for use in the manufacture of floor and wall coverings. (3rd April 1957). Accepted on 10th February 1959.  
*A composition comprises filler material, vegetable oil and organic compound having in its molecular atleast two isocyanate or isothiocyanate radicals, the compound being heated.*

63601. Talon, Inc. Shoe fastening device. Accepted on 10th February 1959.  
*Comprising a pair of wing members, a resilient slide wire member bent to substantially a V-shape having the outer ends of its arms detachably attached to the respective wing members.*

63664. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in the preparation of spiramycins II and III. Accepted on 7th February 1959.  
*Streptomyces ambofaciens NRRL 2420 is aerobically cultivated in a medium in the presence of an acetylating or propionylating agent or a precursor therefor.*

63707. Zavody Presneho Strojirenstvi, Narodni Podnik. A double friction clutch for motor vehicles. Accepted on 5th February 1959.  
*Pressure plates of clutches are mounted between friction discs of both clutches and urged forming air chamber between them apart by springs.*

63795. Connollys (Blackley) Limited. Improvements in the packaging of wire. (25th April 1957). Accepted on 10th February 1959.  
*Comprising inner and outer concentric cylindrical walls, between which the wire is coiled.*

63799. R. P. Gupta and C. L. Gupta. Improvements in or relating to making fuel pellets or briquettes from fuel dusts e.g. from coal dust or charcoal powder and pellets or briquettes of fuel obtained thereby. Accepted on 10th February 1959.  
*Mixing fuel dust with kamala seed powder in the presence of water and compressing into pellets or briquettes.*

63822. Imperial Chemical Industries Limited. Process for removing metal-containing catalyst residues from hydrocarbon polymers. (31st May 1957). Accepted on 10th February 1959.  
*The polymer is treated with an amine in the presence of a solvent and of an aluminium halide or aluminium alkyl halide and the solid polymer is separated from the solvent.*

63875. Ciba Limited. Process for dyeing organic products of high molecular weight with pigment dyestuffs. Accepted on 5th February 1959.  
*Organic products of high molecular weight are dyed by anthraquinone dyestuff.*

63960. Ciba Limited. Layer form structures of improved resistance to light containing aminoplasts. Accepted on 6th February 1959.  
*Containing an aminoplast in conjunction with 2:4 dehydroxybenzoyl-furan.*

63961. Ciba Limited. New dioxazine dyestuffs and process for their manufacture. Accepted on 6th February 1959.  
*Wherein a dioxazine derivative is treated with a non-sulfonating condensing agent or with a reactive derivative of a substituted benzoic acid or aromatic carboxylic acid.*

63963. I. Marcovitch and J. Marcovitch. Improvements in and relating to portable gas cookers, burners and the like. Accepted on 10th February 1959.  
*Including a gas reservoir and valve means located within the reservoir the valve being regulated by external handle means.*

64011. F. Schill and F. Konarek. A method and device for the manufacture of cellular-glass. Accepted on 5th February 1959.

*Mould with foaming agent is heated to a sintering temperature of 500–750°C and then to foaming temperature of 800–850°C followed by quick cooling to a temperature of 400–500°C.*

64225. Council of Scientific and Industrial Research. Low melting chemically resistant glass compositions. [Addition to No. 56705]. Accepted on 10th February 1959.

*Containing 5–12 per cent R<sub>2</sub>O<sub>3</sub> (Fe<sub>2</sub>O<sub>3</sub> and Al<sub>2</sub>O<sub>3</sub>) 8–17 per cent RO, 5–15 per cent Na<sub>2</sub>O, 0.12–5 per cent K<sub>2</sub>O, 0–3 per cent B<sub>2</sub>O<sub>3</sub>, 0–0.8 per cent F, 0–0.5 AB<sub>2</sub>O<sub>3</sub>, 0–0.5 Sb<sub>2</sub>O<sub>3</sub>, 0–5 per cent TiO<sub>2</sub>, 0.2 per cent P<sub>2</sub>O<sub>5</sub>, 0–5 per cent Zirconium oxide, SiO<sub>2</sub>, balance to make upto 100. Where RO is CaO, MgO, ZnO, MnO, BaO, PbO.*

64273. A. Buchi. Control device for four-stroke internal combustion engines. Accepted on 10th February 1959.

*Actuating means for the inlet valve and exhaust valve are so designed that the closure of the valve is affected only when the strokes of two valves corrected substantially asymptotically.*

64367. Dynamit-Actien-Gesellschaft. Improvements in or relating to practice shells for artillery. Accepted on 10th February 1959.

*A percussion fuse located at forward end a smoke charge located at the rear end of the shell, and disposed between said fuse and smoke charge a percussion cap containing a propellant charge.*

64443. Simmonds Aerocessories Limited. Improvements relating to cutting elements. (11th Jul 1957). Accepted on 10th February 1959.

*Comprising slitting hardenable sheet metal transversely to the intended direction of cut.*

64444. C. W. Cheney and Son Limited, and C. W. Cheney. Improvements relating to hasp fastenings for luggage and like boxes. [Addition to No. 59656]. Accepted on 10th February 1959.

*Wherein the slide is provided remote from the hinge for the hasp, with a hook arranged to engage over the longitudinal edge.*

64477. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to electric lead-through capacitors comprising a tubular dielectric body. Accepted on 5th February 1959.

*Comprising a tubular dielectric body having a metallic outer electrode and also a metallic inner electrode, at one extremity the lead-through conductor has a thickened or widened part.*

64494. Zavody J. V. Stalina, narodni podnik. Sand blasting apparatus. Accepted on 10th February 1959.

*Comprising a nozzle supplied with compressed air and terminating into a blast space open at one end the blast space being connected by a number of orifices or tubes.*

64857. Imperial Chemical Industrial Limited. Improvements in and relating to the production of portland cement clinker. (11th September 1957). Accepted on 10th February 1959.

*Comprising precipitated chalk and argillaceous material in which the raw materials prior to introduction into kiln are mixed under the action of kneading and sheering forces.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hasting Street, Calcutta, at two rupees per copy:—

5921. 51405. 53965. 54083. 54197. 54510. 54615. 54635. 54652.  
4710. 54712. 54902. 54937. 55149. 55305. 55343. 55358. 55383  
5554. 55555. 55589. 55696. 55796. 55822. 55984. 56008. 56032.  
6055. 56078. 56131. 56370. 56420. 56589. 56602. 56630. 56686.  
6729. 56820. 56923. 57144. 57146. 57355. 57767. 57768. 57834.  
57874. 58097. 58762. 58970.

#### Renewal Fees Paid

26175. 26423. 26449. 27185. 27219. 28862. 30533. 31131. 31416.  
31894. 31903. 32098. 32356. 34283. 35802. 36475. 37185. 37214.  
38121. 38629. 39046. 39113. 39147. 39204. 39284. 39455. 39544.  
40961. 40974. 41058. 41059. 41100. 41256. 41371. 41734. 42277.  
42647. 42680. 42798. 42805. 42841. 43126. 43734. 43735. 43796.  
44138. 44582. 44649. 44650. 44776. 44902. 44903. 44910. 44948.  
44949. 44950. 44951. 44952. 44953. 44954. 44955. 44956. 44959.  
44990. 44992. 45015. 45016. 45116. 45141. 46717. 46725. 46735.  
46738. 46741. 46784. 46803. 46845. 46875. 46905. 46915. 47035.  
47165. 47167. 48373. 48906. 48907. 48953. 48954. 48955. 48958.  
48967. 49015. 49111. 49112. 49190. 49241. 49274. 49291. 49322.  
49417. 49454. 49514. 49515. 49516. 49612. 51123. 51124. 51138.  
51139. 51152. 51153. 51179. 51246. 51296. 51303. 51304. 51325.  
51355. 51411. 51420. 51425. 51440. 51478. 51523. 51540. 51549.  
51586. 51595. 51607. 51644. 51676. 51684. 51767. 51928. 53335.  
53705. 53735. 53753. 53763. 53783. 53820. 53870. 53907. 53973.  
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54042. 54102. 54110. 54219. 54368. 54369. 54370. 54384. 54619.  
54746. 54747. 54877. 54878. 54921. 55112. 55149. 56139. 56291.  
56469. 56483. 56510. 56549. 56603. 56728. 56729. 56730. 57099.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Design Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class No. 1. No. 97671. Bachan Singh, and Uttam Singh, Indian Citizens, trading as Commercial Refrigeration Corporation, 1, 2, 3, Saran Building, Ram Nagar, New Delhi "Refrigerator", December 20, 1958.

Class No. 5. No. 97190. Peralur Raghava Mudaliar Vadivelu Mudeliar, Sole Proprietor, P. R. Vadivelu Mudaliar and Son, 28, Mulla Sahib Street, Madras-1, Madras State, South India, Hindu, Subject of the Indian Republic, "Label", November 14, 1958.

Class No. 5. No. 97598. Aravamuthu Chinnakany Nadar known as A. Chinnakany Nadar trading as "Arumuga Vilas Soapnut Powder Company", Door No. 7. No. 1, Police Station lane, Madurai, Madras State, a Citizen of the Indian Republic, "labels" December, 17, 1958.

Class No. 5. No. 97599. Portonovo Singaravelu, Portonovo Shunmugam, Portonovo Lingamoorthy, Portonovo Manikam and Portonovo Kannappan, trading as Raju Aerated Water Works, 1/22, Kallukaran Street, Mylapore, Madras-4, Madras State, South India, Subjects of the Indian Republic, "the label", December 17, 1958.

Class No. 13. No. 97293. The Arvind Mills Limited, Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", November 25, 1958.

Class No. 13. Nos. 97659, 97661 to 97684. The India United Mills. Ltd., Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a company incorporated in India. "Textile piece goods", December 19, 1958.

Class No. 13. Nos. 97712 to 97715. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6 Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", December 26, 1958.

Class No. 13. Nos. 97753 to 97758. Calico Dyeing and Printing Mills Private Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Indian business concern, (Private Limited Company) "Textile goods including silks and Art-silk piecegoods", December 30, 1958.

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Calcutta, the 28th February 1959

**Application for Patents**

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

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66724. E. N. Contractor. A perpetual motion machine.  
 66725. S. N. Jayanty. A keyless self sealing lock.  
 66726. B. S. Inamdar. Improved files for visible control record.  
 66727. Mrs. Nargis Samy Engineer. Improved device for manufacturing hollow blown thermoplastic soap dispensers and the like.  
 66728. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Aromatic dicarboxylic acid imides and a process for their manufacture. (22nd December 1958).  
 66729. R. Gaspar. Means for rapid opening of the wanted page in a book.  
 66730. Merck & Co., Inc. Process of preparing L-glutamic acid.  
 66731. Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey. Process and apparatus for the manufacture of fibres from mineral or organic materials, in particular glass fibres.  
 66732. A. M. Morris. "Jacques" new stapling machine.  
 66733. R. R. Chari and Mrs. Janaki Rajagopala Chari Indraws wood-preserved.  
 66734. Schering Aktiengesellschaft. X-ray contrast media and new opaque compounds.  
 66735. H. H. Mansoori, Y. H. Mansoori, N. H. Mansoori, I. H. Mansoori and I. H. Mansoori. Modification and improvement in manufacturing 4B type pickers used in textile industry.  
 66736. R. Barua. Improvement in or relating to manufacture of envelopes.  
 66737. D. K. Dhand. An improved water cooler.  
 66738. Firma Dr. Ing. Josef Ruhrmann. Process and machine for the manufacture of fastening links for a zip-fastener tape.  
 66739. Dr. K. Ziegler. Process for the reaction of organic aluminium compounds with olefines. (11th February 1959).  
 66740. Forsvarets fabriksstyrelse. Gun carriage.  
 66741. Forsvarets fabriksstyrelse. Gun carriage construction.  
 66742. Aluminium Laboratories Limited. Improvements in/ or relating to roll bonding of aluminium.  
 66743. The Sole Managing & Dictating Main Trustee named: Pandit G. Shastry and others. Multi purposes multi fuel stove.

*The 16th February 1959*

66744. Hindusthan Plastics Limited. A soap sac.  
 66745. PECHINEY Compagnie de Produits Chimiques et Electrometallurgiques. The continuous casting of metals.  
 66746. Imperial Chemical Industries Limited. Improved anodes for electrolytic cells. [Addition to No. 66064]. (18th March 1958).  
 66747. Imperial Chemical Industries Limited. Derivatives of isocyanuric acid. (24th February 1958).  
 66748. Imperial Chemical Industries Limited. New azo dyestuffs. (5th March 1958).  
 66749. J. A. Eastwood. Apparatus for the controlled withering of tea leaf. [Addition to No. 57395].  
 66750. F. Carr and The Nuclear Power Plant Company Limited. Improvements in and relating to heat exchangers. (27th February 1958).  
 66751. Magnethermic Corporation. Feeding device for induction heating furnace.  
 66752. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. -Hydroxy-butyric acid cyclohexylamide and a process for preparing it.

66753. J. H. Foard. Spinning ring and method of making same.  
 66754. J. T. Villanueva. Gas producing apparatus.  
 66755. Ciba Limited. Process for improving textile dyeings.  
 66756. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in the treatment of synthetic fibres obtained from olefin polymers.  
 66757. Svenska Aktiebolaget Bromsregulator. Improvements in or relating to load braking equipment in brake apparatus for vehicles, especially railway vehicles.

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66758. Metropolitan-Vickers Electrical Company Limited. Improvements relating to valve chest assemblies for steam turbines. (25th February 1958).  
 66759. Pritchett & Gold And E. P. S. Company Limited. Improvements in porous plastic sheeting. (17th February 1958).  
 66760. Societe Des Usines Chimiques Rhone-Poulenc. The preparation of dihydrodesoxystreptomycin.  
 66761. Societe Des Usines Chimiques Rhone-Poulenc. Improvements in or relating to siloxane elastomers. [Addition to No. 63867].  
 66762. Automotive Products Company Limited. Improvements in or relating to hatch covers. (19th February 1958).  
 66763. Rohm & Haas Company. Esterification products and processes.  
 66764. R. C. Sabins. Electrolytic system. [Divisional date 15th October 1957].  
 66765. R. C. Sabins. Method and apparatus for preventing corrosion in an electrolytic system. [Divisional date 15th October 1957].  
 66766. The General Electric Company Limited. Improvements in or relating to the manufacture of thermoelectric devices. (20th February 1958).  
 66767. T. Ramanathan and M. Mohanavid. Sea land cycle.  
 66768. United Kingdom Atomic Energy Authority. Improvements in or relating to graphite assemblies for nuclear reactors. (18th February 1958).  
 66769. The United Steel Companies Limited. Improvements relating to open-hearth furnaces. (21st February 1958).  
 66770. The United Steel Companies Limited. Improvements relating to open-hearth furnaces. (21st February 1958).  
 66771. The United Steel Companies Limited. Improvements relating to open-hearth furnaces. (21st February 1958).  
 66772. Champon Limited. Cutting or printing presses.

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66773. Dr. Edgar Gretener A. G. Method of reproducing television pictures.  
 66774. Dr. Edgar Gretener A. G. Bar system inschlieren-optical systems.  
 66775. The General Electric Company Limited. Improvements in or relating to Thermocouples utilisin Semiconductors. [Divisional date 4th December 1957].  
 66776. Eastman Kodak Company. Ethers of vitamin A alcohol. (11th December 1958).  
 66777. Imperial Chemical Industries Limited. Improvement in or relating to multi-electrolytic cells. (18th March 1958).  
 66778. The English Electric Company Limited. Improvements in and relating to electrical impedance networks. (28th February 1958).  
 66779. J. R. Geigy A.-G. Process for the production of new sulphamyl benzamides.  
 66780. W. Holt. Improvements in shuttles for looms for weaving. (7th March 1958).  
 66781. Ciba Limited. Pharmaceutical compositions containing new 1-substituted pyrazolo-pyrimidine. [Divisional date 11th December 1957].

66782. A. M. Fernandes. An improved process of manufacturing moulded articles from thermoplastic synthetic resin or resins.

66783. A. M. Fernandes. An improved process of manufacturing moulded articles from glass wool and the like synthetic or natural wool.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

60499. Ministerul Industriei Petrolului Si Chimiei. Improvements in or relating to the preparation of 3: 5-Dioxo-pyrazolidine. Accepted on 16th February 1959.

*A substituted or unsubstituted malonic ester and substituted hydrazine are condensed in butyl alcohol in the presence of Na-butylyate, the condensation taking place during the distillation of the solvent.*

60819. Fisons Limited. Phosphatic fertilizers. Accepted on 18th February 1959.

*Subjecting phosphate rock to treatment with acid in the presence of ammonium nitrate and/or urea nitrate.*

61427. The General Electric Company Limited. Improvements in or relating to electric switching or selecting devices. (16th August 1956). Accepted on 14th February 1959.

*Including a plurality of photoconductive cells.*

61428. The General Electric Company Limited. Improvements in or relating to electromagnetic waveguide systems. (24th August 1956). Accepted on 14th February 1959.

*Comprising two lengths of ridge waveguide, the ridges lying back-to-back and long coupling slots being provided between the two waveguides.*

61476. J. R. Geigy A.-G. Process for the production of bis-4,5-Naphthylene-1,2, 3-Triazolyl-(2)-Stilbene compounds. Accepted on 17th February 1959.

*Tetrazotising 4, 3'-diminostibene-2-sulfonic acid, coupling the tetrazo compound with 2 mols of amino naphthalene sulfonic acid and oxidising the di-o-aminoazo dyestuff.*

61481. The General Electric Company Limited. Improvements in or relating to methods of manufacturing hollow articles. (23rd August 1956). Accepted on 18th February 1959.

*Including the steps of fitting together a plurality of metal members, bending, twisting or deforming portions of at least some of said members.*

61505. The English Electric Company Limited. Improvements in and relating to electric fuse-holders. (7th September 1956). Accepted on 11th February 1959.

*Provided with a removable bush for cable entry aperture.*

61506. J. R. Geigy A.-G. Process for the production of fluorescent triazolyl stilbene compounds. Accepted on 11th February 1959.

*Diazotising 4-aminocyanostilbene compound coupling the diazo compound thus obtained with azo component and oxidising the o-aminoazo dyestuff to 1, 2, 3-triazole compound.*

61528. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to a method of producing mixed secondary aralkyl aryloxyalkyl amines or salts thereof. Accepted on 17th February 1959.

*Reacting 1-alkyl-2-phenoxy alkyl-amine with 1-(4-hydroxy phenyl)-propanedione-1,2.*

61533. Braithwaite & Co. (India) Limited. Equipment for driving and/or withdrawing foundation piles, cylinders and the like. (31st August 1956). [Addition to No. 53556]. Accepted on 18th February 1959.

*Tangentially arranged inclinable means is adapted to serve as its own rotational drive besides transmitting the latter.*

61572. Indian Oxygen Limited, formerly known as The Indian Oxygen and Acetylene Company Private Limited. Purification of argon. Accepted on 14th February 1959.

*Passing impure argon through an adsorbent bed consisting of dehydrated crystalline sodium calcium aluminium silicate having a composition expressed in terms of oxides as follows  $1.0 \pm 0.2M/nO : Al_2O_3 : 1.85 \pm 0.5 SiO_2 : YH_2O$  where  $M$  is in part sodium and in part calcium,  $n$  is the average valency of  $M$ .  $Y$  in the hydrated form is a number not above 6.*

61578. K. Abildgaard. Method for the purification of phenoxymethyl-penicillin. Accepted on 11th February 1959.

*Acidifying culture medium to a pH at which phenoxymethyl-penicillin is present in free state, extracting acidified culture medium with organic solvent, whereafter N. N-diisopropyl- $\beta$ -hydroxyethylamine is added to the extract and the salt formed is separated from the solution.*

61642. Ciba Limited. Manufacture of n-cycloalkyl sulphamic acids and their salts. Accepted on 14th February 1959.

*Reacting a cycloalkylamine with sulamic acid in the presence of a tertiary amine which is liquid at the reaction temperature.*

61701. Ciba Limited. Method of temporary protection of reactive groups in industrial syntheses. Accepted on 17th February 1959.

*Treating the relevant compound with arylazaryl methoxy-carbonyl halide.*

61758. Societe Des Usines Chimiques Rhone-Poulenc. New esters of 2-Piperidylphenylmethanol and processes for their production. Accepted on 18th February 1959.

*Chlorinating 2-piperidylphenylmethanol (forms A and B) and then converting the 1-Chloro-1-phenyl-1-(2-piperidyl) methane obtained into the desired 2-piperidylphenyl ester.*

61833. K. N. Mehta. Improvements in smoking apparatus for bidis, cigarettes or cigars. Accepted on 11th February 1959.

*Wherein cigarette holder has means for easy removal of its butt ends.*

61878. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Porous or cellular materials. Accepted on 18th February 1959.

*Wherein a homopolymer or a copolymer of the monomers selected from the group consisting of alphaolefins and conjugated diolefins or a copolymer of ethylene with one or more said monomers, are powdered and heated under conditions such that a coherent body is formed.*

61973. Ciba Limited. New benzimidazoles and a process for their manufacture. Accepted on 18th February 1959.

*A 2-(para-alkoxybenzyl)-5-halogen or 5:6-dihalogenbenzimidazole is reacted with a reactive ester of an alcohol of the formula HO-AR.*

62003. PECHINEY Compagnie de Produits Chimiques et Electro-metallurgiques. Process for treating powders with gases. Accepted on 18th February 1959.

*Passing the powder successively through a pretreatment zone, reaction zone and a recovery zone.*

62007. Merck & Co., Inc. Hydroxymethyl furfural derivatives. Accepted on 18th February 1959.  
*Reacting 5-hydroxymethyl furfural with an amine in presence of Raney nickel catalyst.*

62154. Indian Oxygen Limited, formerly known as The Indian Oxygen & Acetylene Company Private Limited. Preservation of food and like perishable materials. (21st November 1956). Accepted on 18th February 1959.  
*Cooling in insulated containers to below -50°C with liquid air or nitrogen.*

62203. Ciba Limited. Process for the recovery of metal halides from their adducts with phosphorus oxychloride. Accepted on 17th February 1959.  
*Reacting with alkali metal halide to form double salt with metal halide which is then thermally decomposed.*

62290. Ciba Limited. New compounds isolated from plants of the family melianthus and process of producing same. Accepted on 18th February 1959.  
*Plants of Melianthus family are extracted with alcohols, halogenated hydrocarbons, benzene or dioxane or mixtures thereof.*

62697. Sindri Fertilizers & Chemicals Private Limited. A process for preparation of an ion-exchange material and the ion-exchange material thus prepared. Accepted on 14th February 1959.  
*Preparing ion-exchange material by (a) heating the acid sludge (b) separating the solid resinous matter (c) purification of solid resinous matter, (d) grading to different sizes.*

62719. Monsanto Chemicals Limited. Method and device for applying colloidal solutions of solids to textile fibres. Accepted on 18th February 1959.  
*Bringing the fibres before spinning into contact with a colloidal solution of silica or alumina followed by wiping and rubbing action.*

62769. Societe Des Usines Chimiques Rhone-Poulenc. New phenothiazines derivatives and processes for their preparation. Accepted on 17th February 1959.  
*1-[3-(3-chloro-10-phenothiazinyl)propyl] piperazine is reacted with N-dimethyl-chloroacetamide.*

62894. Fisons Pest Control Limited. Agricultural chemical compositions. (6th February 1957). Accepted on 16th February 1959.  
*Comprises an agricultural chemical and a polymer or copolymer of vinyl pyrrolidone.*

62909. American Home Products Corporation. Improvements in or relating to dentifrices. (22nd January 1957). Accepted on 18th February 1959.  
*Comprising 0.01% of 1:6-di-4'-chlorophenyl di-guanidohexane and detergent.*

62913. Godfrey L. Cabot, Inc. Improvements in polymers of ethylene. Accepted on 16th February 1959.  
*Reacting a polyethylene with an organic compound having the hydrogen perve group, -O-O-H.*

62979. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. Improvements in or relating to the treatment of polystyrenes. (28th January 1958). Accepted on 14th February 1959.  
*Subjecting polystyrene to thermal and/or mechanical controlled depolymerisation in the presence of a chain transfer agent.*

63084. Chas. Pfizer & Co. Inc. Therapeutic compositions. Accepted on 18th February 1959.  
*Comprising one tetracycline-type antibiotic and a glucosamine.*

63126. Asta-Werke Aktiengesellschaft. A process of preparing new cholericetically active compounds and the compounds so prepared. Accepted on 18th February 1959.  
*Endomethylene-2:5-tetrahydro-<sup>1</sup>-benzaldehyde is reacted with a Grignard compound and the reaction product is catalytically reduced.*

63263. Timber Box Manufacturing Company. An improved textile bobbin. Accepted on 11th February 1959.  
*A bobbin has its top flange formed by joining together a central wooden piece with two sheet fibre layers on its top and bottom sides respectively on the principle of tennon-mortise joints*

63321. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the production of granular high polymers of ethylene. Accepted on 18th February 1959.  
*With catalyst obtained by absorbing reaction product of halide of metal of groups IVa, Va or VIa of periodic table and alkyl compound of metal of group II or III on inert supporting material.*

63398. Mrs. Kamla Gupta. Improvements in or relating to gear pumps. Accepted on 17th February 1959.  
*A vertical driving shaft entering a gear box, the former carrying a gear wheel which drives an intermediate driving shaft installed within said gear box.*

63586. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polyurethanes. (3rd April 1957). Accepted on 14th February 1959.  
*Interacting organic disocyanate with castor oil partially esterified with mono- or di-dicarboxylic acid.*

63741. L. G. Vokes. Engraving dies and plates by photo-engraving process. (16th April 1957). Accepted on 18th February 1959.  
*Comprises coating the die or plate with a light-sensitive composition, exposing the light sensitive coating to light in such a manner that the coating on the area to be engraved may readily be removed after exposure.*

63742. A. Scambia. Improvements in anti-glare car headlights. Accepted on 18th February 1959.  
*Comprises a shell, a conventional concave mirror provided with a lamp and a lamp therefore in the focus of said mirror and a number of suitably spaced parallel screens.*

63789. Strategic-Udy Metallurgical and Chemical Processes, Ltd. Process for smelting titaniferous iron ores and the like for the production and recovery of metallic iron and a titania-enriched product. Accepted on 18th February 1959.  
*Subjecting the charge consisting of titaniferous iron ore to reduction, and fluxing the charge exclusively with silica.*

63813. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improved method of preparing glass fibres. Accepted on 11th February 1959.  
*From a viscous siliceous aqueous composition which comprises directing a stream of the composition downwardly through an orifice.*

63831. Deutsche Gold Und Silber Scheideanstalt Vormals Roessler. Process for the production of substituted triazines. (5th March 1958). Accepted on 14th February 1959.  
*Dimethoxy chlorotriazine is reacted with a thiocyanate salt of a light metal.*

63966. Ciba Limited. 1, 2, 4-benzothiadiazine derivative and process for its preparation. Accepted on 17th February 1959.  
*5-trifluoromethyl-2: 4-disulfamylaniline is reacted with formic acid or an amide or an ortho-formic acid ester.*

63971. Anstalt fur die Entwicklung von Erfindungen und gewerblichen Anwendungen ENERGA. Projectile. Accepted on 17th February 1959.  
*Comprising a charge holding body, an explosive charge, a percussion fuze in the nose of projectile, means for transmitting fire from said fuze to a rear detonator, a detonator-locking device.*

64064. Ciba Limited. Heat hardenable compositions comprising epoxide compounds and dicarboxylic anhydrides. Accepted on 18th February 1959.  
*Comprising a mixture of hexachloro-endo-methylene-tetrahydro-phthalic anhydride and methyl-endomethylene-tetrahydro-phthalic anhydride.*

64109. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of cellular polymeric materials. (31st May 1957). Accepted on 11th February 1959.  
*The reaction being performed in the presence of a foam stabilising agent.*

64145. The Singer Manufacturing Company. Attachment for sewing-machine. Accepted on 11th February 1959.  
*Means for securing attachment to the presser bar so that feed of work feeding device occurs in a direction transversely of a plane containing the axes of needle bar and presser bar.*

64224. Ciba Limited. Process for the manufacture of diimidazole derivatives. [Addition to No. 55255]. Accepted on 14th February 1959.  
 *$\alpha:\beta$ -di- benzimidazyl-(2)-mono-hydrosyethane is treated with an aliphatic carboxylic acid to split off water therefrom.*

64242. Inland Steel Company. Process for reducing iron oxides. Accepted on 11th February 1959.  
*Direct reduction of iron oxide by reducing gas comprising carbon monoxide and hydrogen.*

64251. Dunlop Rubber Company Limited. Method and apparatus for moulding inflated articles. Accepted on 11th February 1959.  
*Applying fluid pressure to the exterior of an article to reduce its dimensions below the dimensions of mould cavity, closing mould with article and releasing fluid pressure.*

64291. National Malleable and Steel Castings Company. Improvements in or relating to coupler and yoke connection. Accepted on 14th February 1959.  
*Comprising a yoke having a hollow head portion, a coupler having a shouldered butt end received in the head portion.*

64394. Imperial Chemical Industries Limited. Process for drying metal articles. (31st July 1957). Accepted on 11th February 1959.  
*Treating water-contaminated surfaces of metallic articles with a chlorinated hydrocarbon solvent containing dissolved therein a small proportion of a cationic surface active agent.*

64462. J. A. Mackenzie. Pierced angle element for constructional purposes. Accepted on 14th February 1959.  
*Of constant thickness and of L-shaped cross-section having a narrow flange and a wide flange, a row of holes extending longitudinally of the flange.*

64499. A. De Sy. A process for the production of steel or pig iron and a furnace therefor. Accepted on 11th February 1959.  
*Ore is introduced into a bath of iron and carbon alloy contained in electric furnace heated by low frequency induction.*

64611. James Halley & Sons Limited. An improved air heating device for incorporation in printing apparatus. (16th July 1957). Accepted on 11th February 1959.  
*Comprising a tubular body, a longitudinal partition provided with said body to furnish a longitudinally extending plenum therein.*

**Correction of clerical errors**  
Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in Specification No. 60390 were corrected on 6th February 1959.

**Patents Sealed**

(1)

59514. 59561. 59883. 59921. 60207. 60636. 60828. 60863. 61225. 61357. 61419. 61456. 61727. 62202. 62261. 62295. 62464. 62575. 63042. 63201. 63429. 63450. 63492. 63682. 63810. 63895.

(2)

58893. 59110. 59130. 59131. 59476. 59777. 59792. 59825. 59906. 59912. 60183. 60196. 60237. 60348. 60561. 60588. 60625. 60710. 60818. 60944. 60949. 61028. 61277. 61347. 61441. 61471. 61547. 61558. 61688. 61723. 61793. 61895. 61909. 62301. 62341. 62430. 62439. 62484. 62853. 62983. 63270. 63286. 63395. 63411. 63511. 63532. 63692. 63780. 63905. 64415.

**Amendment Proceedings**

(1)

The amendment proposed by Ruhrchemie Aktiengesellschaft in respect of Patent application No. 59335 as advertised in the Gazette of India Part III, Section 2, dated the 25th October 1958 has been allowed.

(2)

The request for amendment of the Specification and drawings in respect of Patent No. 60457, which was notified in Part III, Section 2 of the Gazette of India dated 16th August 1958 is refused.

**Renewal Fees Paid**

26201. 26233. 26287. 27205. 28075. 30694. 30846. 32079. 32116. 32135. 32187. 32188. 32211. 32224. 32390. 33011. 34034. 34309. 34378. 34790. 34835. 35752. 35753. 35754. 36361. 36418. 36470. 36900. 37085. 37090. 37091. 37147. 37203. 37457. 37480. 37481. 38179. 38180. 38280. 38488. 38984. 38985. 38986. 39172. 39173. 39174. 39184. 39185. 39186. 39399. 39524. 39633. 39720. 39794. 39795. 40969. 40981. 40982. 40983. 40984. 41001. 41002. 41025. 41051. 41490. 41492. 42404. 42698. 42722. 42819. 42915. 42963. 43016. 43155. 43483. 43663. 44589. 44607. 44652. 44655. 44660. 44668. 44690. 44695. 44706. 44754. 44787. 44792. 44837. 44838. 44839. 44842. 44854. 45076. 45079. 45082. 45102. 45103. 45162. 45502. 45633. 45636. 45808. 46753. 46754. 46763. 46782. 46798. 46849. 46903. 46933. 46960. 47028. 47029. 47253. 47254. 47368. 47376. 48614. 48858. 48977. 48981. 48986. 49022. 49056. 49061. 49130. 49138. 49191. 49248. 49293. 49425. 49484. 49542. 49543. 49545. 49553. 49558. 49633. 49636. 49644. 49665. 49926. 49986. 50880. 51134. 51235. 51245. 51264. 51327. 51342. 51343. 51366. 51370. 51375. 51377. 51419. 51455. 51504. 51529. 51558. 51671. 51696. 51747. 51793. 51810. 51811. 51829. 51850. 51851. 51864. 51866. 51980. 51981. 52004. 52111. 52167. 52624. 53072. 53349. 53350. 53378. 53558. 53698. 53707. 53765. 53786. 53845. 53855. 53901. 53902. 53903. 53905. 53908. 53911. 53915. 53940. 53941. 53946. 53951. 53969. 54087. 54168. 54169. 54263. 54433. 54505. 54548. 54549. 54550. 54551. 54567. 54568. 54569. 54713. 54907. 56574. 56586. 56606. 56610. 56788. 56826. 56917. 57312. 57399. 57432. 58948.

**RENEWAL FEES PAID** in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

**Hyderabad Patents**

46/1358-F

**Cessation of Patents**

30184. 31686. 36018. 36035. 36079. 36122. 36130. 37824. 37988. 38509. 39785. 40457. 40513. 40520. 42212. 42221. 43971. 44019. 46053. 46161. 46169. 46177. 46185. 46194. 46200. 46216. 48392. 48437. 48441. 48840. 49677. 50547. 50620. 50621. 50627. 50634. 50636. 51413. 53065. 53078. 53092. 53106. 53109. 53119. 53134. 53146. 53148. 53152. 53157.

**Restoration Proceedings**

(1)

Notice is hereby given that an order was made on the 10th February 1959 restoring the patent numbered 43796, dated as of the 20th September 1950 granted to Vereinigte Kugellagerfabriken A-G for "Carrier for tension pulleys of textile spindle drives".

(2)

Notice is hereby given that an order was made on the 10th February 1959 restoring the patent numbered 49454, dated as of the 27th April 1953 granted to Govindbhai Gordhanbai Patel for "Improved centrifugal or the like pumps".

(3)

Notice is hereby given that an order was made on the 5th February 1959 restoring the patent numbered 51644, dated as of the 6th April 1954 granted to Vicente Aurelio Araneta for "Improvements in or relating to tractor wheels".

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:—

No. 46723—Bisweswar Chatterjee.

The patent ceased on the 14th February 1958 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 31st May 1958. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 11th April 1959.

#### **Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3. No. 96160. Surendra Maneklal Vakeel, 30, Khattarali Lane, Bombay, Indian Subjects, "Drawing instruments", August 26, 1958.

Class 5. No. 97045. Pabitra Hindu Oil Mills and Kaluram Mahadeo Prasad, an Indian Registered Partnership firm of 1, Machua Bazar Street, Calcutta 7, "Label", November 4, 1958.

Class 5. No. 97046. Pabitra Hindu Oil Mills and Kaluram Mahadeo Prasad, an Indian Registered Partnership firm of 1, Machua Bazar Street, Calcutta 7, "Carton", November 4, 1958.

Class 5. No. 97696. Nattamai Sabapathiyer Ramalingaier known as N. S. Ramalingaier of Door No. 4, Mahal V Street, Madurai, Madras State, a Citizen of the Indian Republic, "Labels", December 23, 1958.

Class 13. Nos. 97854 to 97865, 97867 to 97870, 97872 to 97875 and 97877 to 97886 The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation Bombay-1, "Textile goods", January 5, 1959.

Class 14. No. 97871. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation Bombay 1, "Textile goods", January 5, 1959.

**Copyright Extended for a Second Period of Five Years**  
Design No. 77770, Class 4.

DR. S. VENKATESWARAN  
Controller of Patents and Designs  
and Registrar of Trade Marks